

What is claimed is:

1. An apparatus for purging corrosion inducing fluids from a cooling system of an internal combustion engine during storage comprising:

5 a source of inert gas having an outlet;
 a first coupling attached to said outlet; and
 a second coupling in fluid communication with the cooling system whereby the first coupling is adapted to be removably coupled to the second coupling.

10 2. The apparatus of claim 1 wherein the source of inert gas comprises a pressurized tank.

 3. The apparatus of claim 1 wherein the inert gas is selected from the group consisting of helium and nitrogen.

15 4. The apparatus of claim 1 further including a pressure regulator attached to the outlet.

 5. The apparatus of claim 1 further including a source of anticorrosive fluid, said source of anticorrosive fluid being in fluid communication with
20 said source of inert gas.

 6. The apparatus of claim 5 further including a mixing device, said mixing device located at the fluid communication of the anticorrosive fluid and the inert gas.

25 7. The apparatus of claim 1 wherein the first and second couplings are quick disconnect couplings.

 8. The apparatus of claim 1 further including a valve, said valve being attached to the inert
30 gas outlet.

 9. The apparatus of claim 8 wherein said valve is a solenoid valve.

 10. The apparatus of claim 9 further including a programmable controller, said controller
35 being connected to said valve.

11. A method of inhibiting corrosion on the interior surfaces of an internal combustion engine cooling system during storage comprising the steps of:

5 connecting a source of pressurized inert gas to an intake port formed in said engine;

dispersing said inert gas into said engine cooling system through said intake port formed in said engine; and

10 purging corrosion producing fluids from said engine as said inert gas is dispersed into said engine.

12. The method of claim 11 further including the step of retaining said inert gas in said engine whereby corrosion on said internal surfaces is prevented.

15 13. The method of claim 11 wherein said inert gas is selected from the group consisting of helium and nitrogen.

20 14. The method of claim 11 further including the step of providing an anticorrosive fluid and mixing said anticorrosive fluid with said inert gas prior to dispersion of the resulting mixture into the engine cooling system.

25 15. The method of claim 14 wherein said anticorrosive material is selected from the group consisting of fogging oil and vegetable oil.

16. The product of the method of claim 11.

17. An apparatus for purging corrosion inducing fluids from a mechanical system during storage comprising:

30 a source of inert gas having an outlet;
a first coupling attached to said outlet; and
a second coupling in fluid communication with the system whereby the first coupling is adapted to be removably coupled to the second coupling.

35 18. The apparatus of claim 17 wherein the source of inert gas comprises a pressurized tank.

19. The apparatus of claim 17 wherein the inert gas is selected from the group consisting of helium and nitrogen.

20. The apparatus of claim 17 further including a pressure regulator attached to the outlet.

21. The apparatus of claim 17 further including a source of anticorrosive fluid, said source of anticorrosive fluid being in fluid communication with said source of inert gas.

22. The apparatus of claim 21 further including a mixing device, said mixing device located at the fluid communication of the anticorrosive fluid and the inert gas.

23. The apparatus of claim 17 wherein the first and second couplings are quick disconnect couplings.

24. The apparatus of claim 17 further including a valve, said valve being attached to the inert gas outlet.